

Product Search Data Sheet

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Please download the latest datasheet of NFG0NCN162HL3# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=NFG0NCN162HL3%23

"#"at the end indicates the package specification code.

In Production RoHS

REACH

NFG0NCN162HL3#

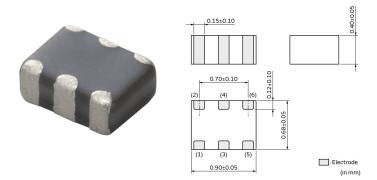
< List of part numbers with package codes > NFG0NCN162HL3B NFG0NCN162HL3D



Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer Electronics - Differential
	Transmission, Medical equipment [GHTF
	A/B/C] except for implant & surgery &
	auto injector,Industrial equipment
	except for transportation & facility &
	energy equipment
Specific	Please refer to Our Website and
Applications	specifications, etc. for information about
	the performance, functions, quality,
	management, and safety required for
	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.
Recommended	Consumer equipment, MIPI C-PHY Ver1.
Applications	0

Appearance & Shape





Packaging Information

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	500
D	180mm Paper Tape	10000



Features

1. Small size and tight dimensional tolerance Size: 0.90x0.68x0.40mm

Tolerance: +-0.05mm

- 2. Common mode noise suppression effect (The effect become maximum at 1.0GHz to 3.0GHz)
- 3. Compatible with high speed, large-capacity new transmission standard MIPI C-PHY. (Prevents signal damaging.)
- 4. Designed to match line impedance.

Application

Common mode noise suppression of high speed differential signal lines for mipi, C-PHY.

- 1. Note PCs
- 2. Cellular phones
- 3. Digital Still Cameras, Digital Video Cameras



Attention

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without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

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Specifications

NFG0NCN162HL3#

Shape	SMD
Size Code (in mm)	0806
Size Code (in inch)	03025
Length	0.9mm
Length Tolerance	±0.05mm
Width	0.68mm
Width Tolerance	±0.05mm
Thickness	0.4mm
Thickness Tolerance	±0.05mm
Common Mode Impedance (at 100MHz)	25Ω
Common Mode Impedance (at 100MHz) Tolerance	±25%
Common Mode Insertion Loss Characteristic	19dB Typ.(800MHz), 22dB Typ.(1GHz), 29dB Typ.(1. 6GHz)
Rated Current	100mA
Derating of Rated Current	No
Rated Voltage	5Vdc
Withstanding Voltage	12.5Vdc
DC Resistance(max.)	1.85Ω
DC Resistance	1.85Ω±25%
Insulation Resistance(min.)	10ΜΩ
Cut-off Frequency	4.0GHz (Typ.)
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.87mg
Number of Circuit	1

Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

2 of 3

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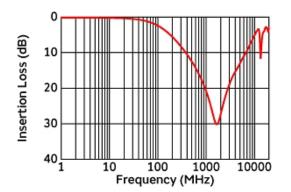
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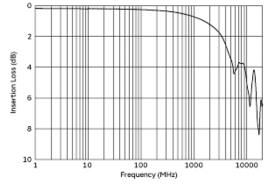
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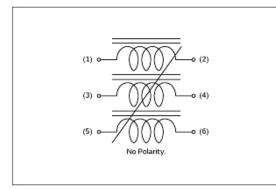






Common Mode Insertion Loss Characteristic (Typical Value)

Differential Mode Transmission Characteristics (Typical Value)



Equivalent Circuit

3 of 3

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